

Name: _____

Date: _____

Math: _____

LESSON 6A: HOMEWORK

Directions: For each problem,

1. Define the variable
2. Write the best equation for the scenario
3. Solve *and* check!

1. Grace purchased $2\frac{7}{8}$ pounds of coffee for her mom. Her brother did not realize she had gone to the store and picked up more coffee. Mom now has $5\frac{1}{2}$ pounds of coffee. How much did Grace's brother purchase?

2. Abba hiked to the peak of a mountain and then walked down $1700\frac{6}{11}$ feet. She is now at an elevation of $12356\frac{3}{4}$ feet. What was the elevation of the peak of the mountain?

3. Scrooge bought the biggest turkey at the butcher's shop for the Cratchit family. It weighed $32\frac{4}{5}$ pounds! There were two more turkeys in the shop, whose combined weight equaled this one turkey. If one of the smaller turkeys weighed $20\frac{7}{8}$ pounds, how much did the other smaller turkey weigh?

4. Caroline had some leftover pie in the fridge. If she still had $\frac{2}{7}$ of the pie after her brother ate a slice equivalent to $\frac{4}{9}$ of the pie, how much did she have to begin with?

Do not write an equation; Just solve!

5. Given the following data, find the mean, median, mode, and range. (see glossary for definition if you cannot remember these terms)

$$3\frac{1}{2}, 2\frac{1}{4}, \frac{3}{5}, 2\frac{1}{4}, \frac{5}{8}$$

Mean	Median
Mode	Range